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CITY OF ALBUQUERQUE RFB2006-075-SB  
4X4 BACKHOE LOADER WITH CLAMSHELL BUCKET  
TOM GROWNEY EQUIPMENT

AGENCY: \_\_\_\_\_  
DEPARTMENT: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
REQUISITION #: \_\_\_\_\_ PO #: \_\_\_\_\_

DESCRIPTION: 4x4 Backhoe Loader with Clamshell Bucket MAKE: John Deere  
VENDOR: Tom Growney Equipment MODEL: 710G

BASE COST PER UNIT: \$ 147,250.00

STANDARD SPECIFICATIONS	
1. ENGINE	
1.1. Manufacturer/Model	John Deere / 6068T
1.2. Net Power	118 HP at 2200 RPM
1.3. Number of Cylinders and Displacement	6 cylinders – 414 cubic inches
2. ELECTRICAL	12 volts / 65 alternator amps
3. TRANSMISSION	
3.1. Type	Powershift
3.2. Speed Ranges	4 Forward x 3 Reverse
3.3. Forward	23
3.4. Reverse	16.1
4. BRAKES	
4.1. Type	Wet multiple disc
4.2. Actuation	Hydraulic
5. HYDRAULIC SYSTEM	
5.1. Pump Type	Axial-piston
5.2. Pump Flow	52 GPM
5.3. System Pressure	3625 PSI
6. EXTENDABLE DIPPERSTICK CLAMSHELL BACKHOE BUCKET	
6.1. Amount of Extension	4 feet and 8 inches
6.2. Maximum Digging Depth	17 feet and 10 inches
6.3. 2-foot Flat Bottom	17 feet and 9 inches
6.4. Reach from Swing Center	22 feet and 6 inches
6.5. Truck Loading Height	14 feet and 3 inches
6.6. Digging Force Crowd	11,750 pounds
6.7. Bucket, Power Dig	17,000 pounds
6.8. Boom Lift Capacity at Ground Level	3,037 pounds
6.9. Dipperstick Lift Capacity at 12-foot height	6,140 pounds
6.10. Maximum Digging Depth	22 feet and 6 inches
6.11. 2-foot Flat Bottom	22 feet and 5 inches
6.12. Reach from Swing Center	26 feet and 8 inches
6.13. Truck Loading Height	16 feet and 0 inches
6.14. Digging Force Crowd	8,100 pounds
6.15. Boom Lift Capacity at Ground Level	2,179 pounds
6.16. Dipperstick Lift Capacity at 12-foot height	3,355 pounds
7. CLAMSHELL BUCKET	
7.1. Clamshell Bucket Width	24 inches
7.2. Bucket Rotation	190 degrees

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8. LOADER BUCKET		
8.1. SAE Heaped Capacity	1.62 cubic yard	
8.2. Loader Bucket Width	96 inches	
8.3. Breakout Force	14,800 pounds	
8.4. Lift Capacity to Full Height	8,693 pounds	
8.5. Dump Clearance at 45 degrees	9 feet and 4 inches	
8.6. Dump Reach	30.3 inches	
8.7. Bucket Hinge Pin Maximum Height	12 feet and 5 inches	
8.8. Coupler	Hydraulic	
9. FOUR WHEEL DRIVE		
9.1. Wheelbase	98.9 inches	
10. DIMENSIONS		
10.1. Transport Height	13 feet and 8 inches	
10.2. Transport Length	26 feet and 9 inches	
10.3. Transport Width	8 feet and 0 inches	
10.4. Width Over Tires	7 feet and 6.5 inches	
11. STANDARD TIRES		
11.1. Rear Tire Size 4 wheel-drive	20.5-25 (PR not pub)	
11.2. Front Tire Size 4 wheel-drive	15-19.5 8 P	
12. CAPACITIES		
12.1. Fuel Tank	69 gallons	
12.2. Hydraulic Reservoir	Manufacturer's standard	
13. OPERATING WEIGHT, 4WD WITH CAB AND EXTENDED BACKHOE	26,500 pounds	
14. LIGHTING		
14.1. Drive/Work Lights	Four halogen driving/work lights, 32,500 candlepower each (two front/two rear).	
14.2. Work Lights	Six additional halogen work lights, 32,500 candlepower each (two front, two side and two rear).	
14.3. Turn Signal/Flashing	Two front and two rear turn signal/flashing.	
14.4. Stop & Tail Lights	Two rear stop and tail lights.	
14.5. Reflectors	Two rear reflectors.	
15. CONTROLS:	Two-lever backhoe control.	
16. MASTER DISCONNECT	Kill switch that shuts off all battery power to entire backhoe shall be located under the hood and shall be capable of being padlocked.	
17. MANUALS	Two (2) sets each of Operators, Parts and Technical manuals.	
18. TRAINING	On-site (City location) vendor training for a maximum of 5 City employees. Vendor shall coordinate training with the City.	
19. ADDITIONAL REQUIREMENTS		
19.1. A/C & Heater	Cab with air conditioning and heater.	
19.2. Seating	Cloth air suspension seat/pedestal	
19.3. Steering	Tilt wheel installation	
19.4. Radio	AM/FM radio package	
20. WARRANTY		
20.1. Full Machine	2-year / 2,000 hour full machine factory warranty. No deductible.	
20.2. Powertrain	5-year / 7,500 hour full machine factory warranty. No deductible.	

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OPTIONS		
DESCRIPTION	MODEL	PRICE <i>(quantity 1 ea.)</i>
A.		\$
B.		\$
C.		\$

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OPTIONS TOTAL \$ \_\_\_\_\_

BASE PRICE \$ 147,250.00

TOTAL COST PER UNIT \$ \_\_\_\_\_

QUANTITY \_\_\_\_\_

**TOTAL COST \$**